

FIG. 1



Serial No. 09/465,276 filed 12/16/1999
 "Antibodies Against Type A Botulinum Neurotoxin"
 Inventors: Sina Bavari, et al.
 Docket No. 003/175/SAP
 Ms. Elizabeth Arwine, 301-619-7808

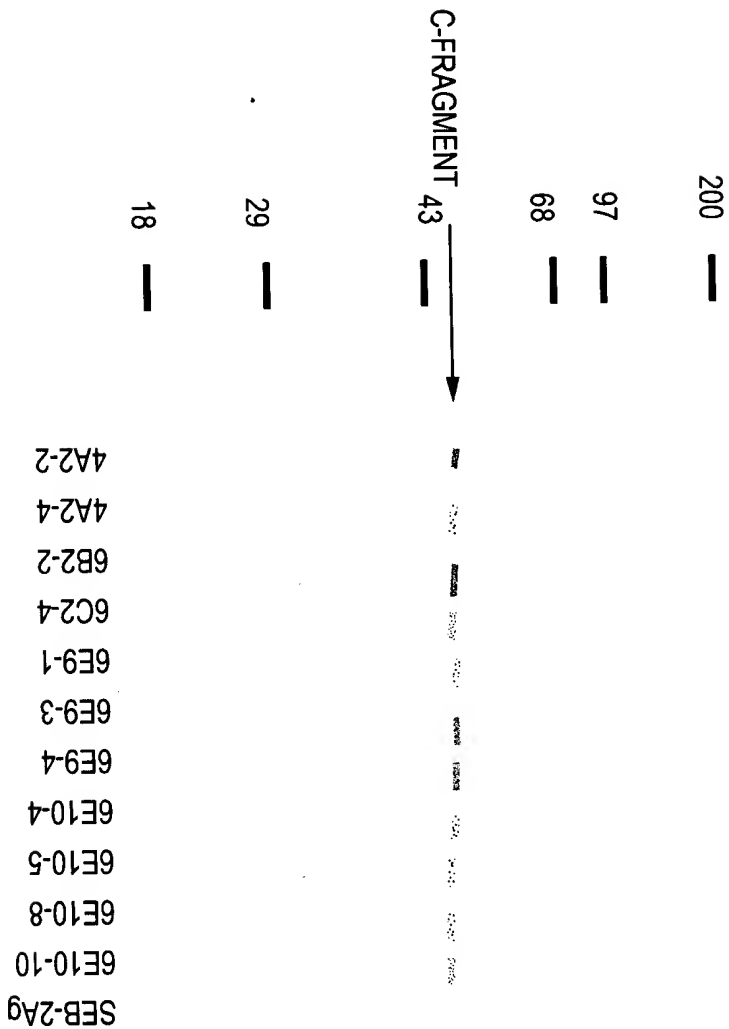


FIG. 2



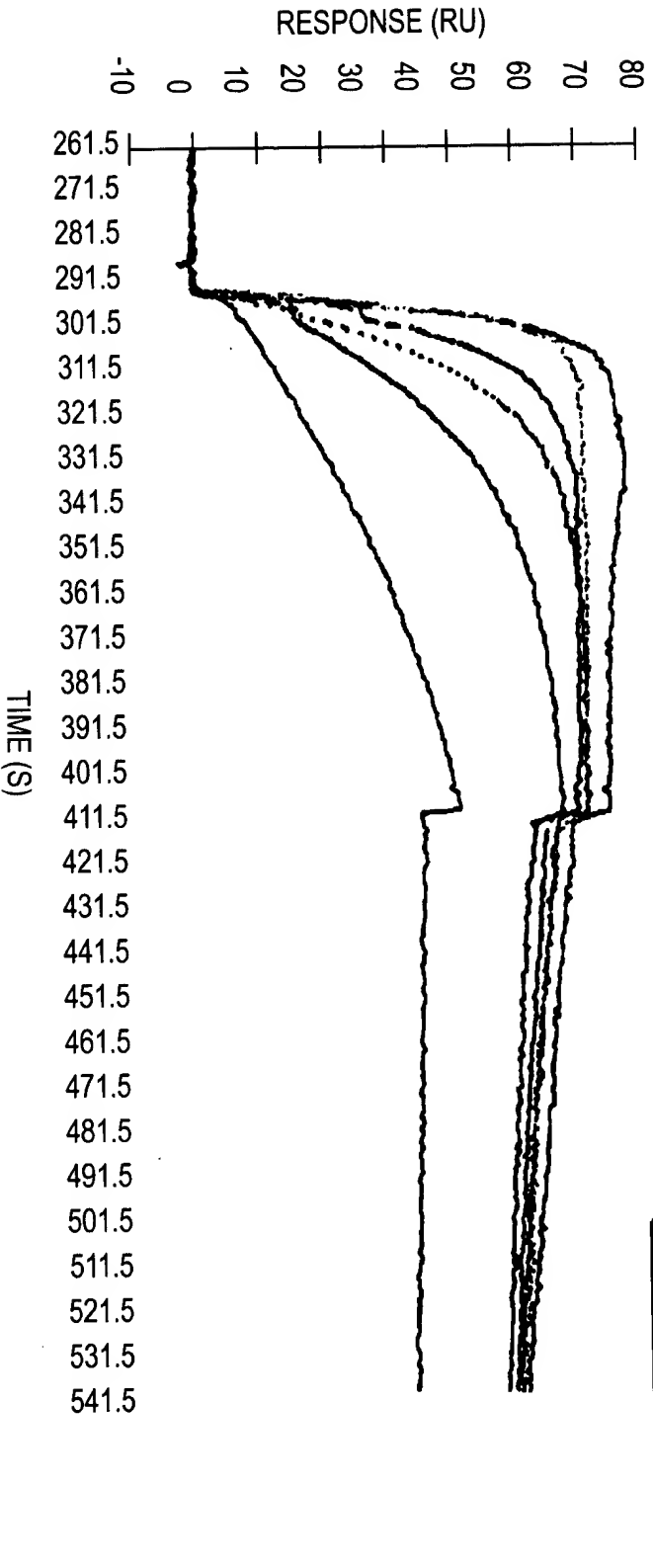
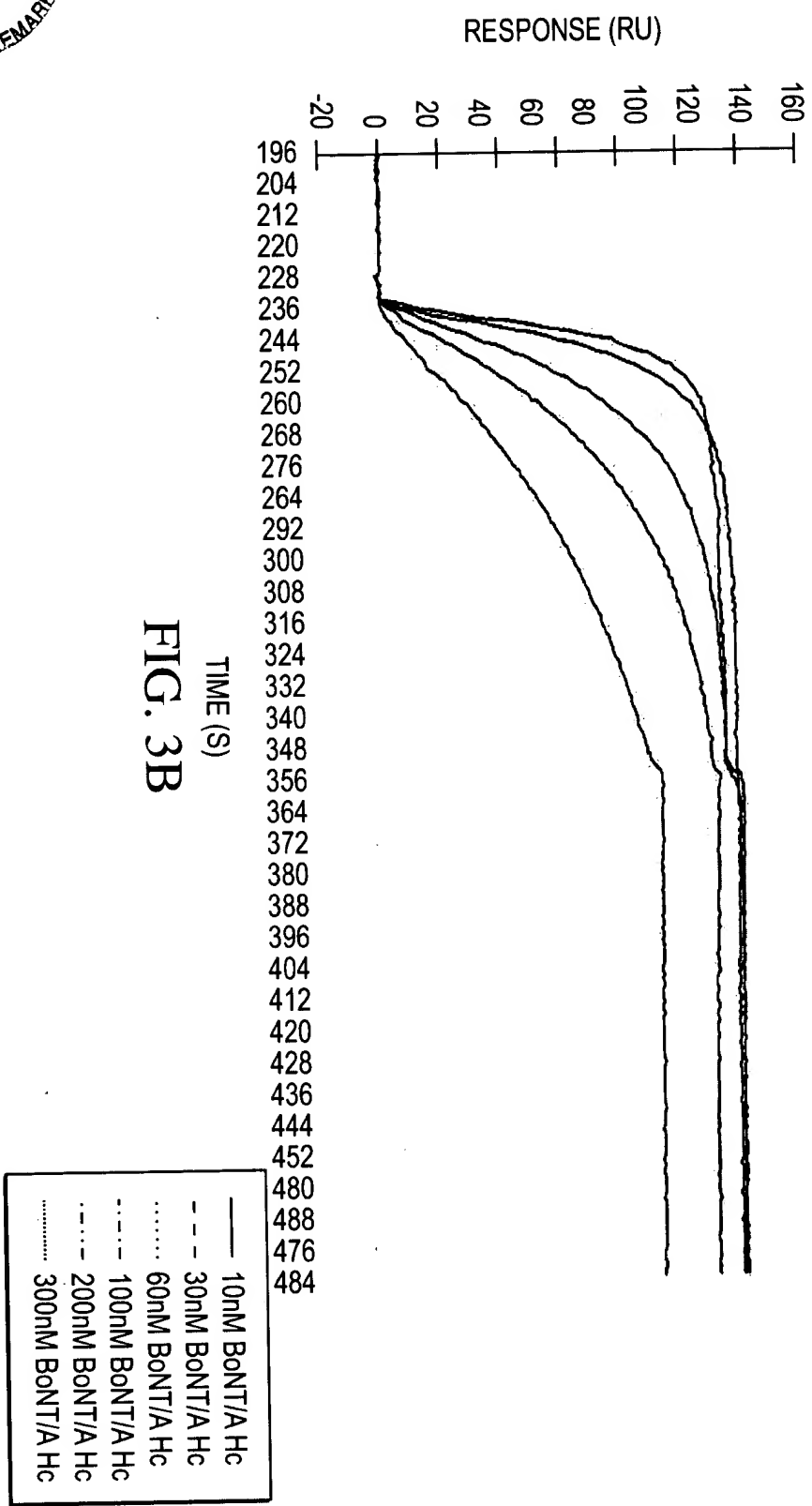


FIG. 3A



KINETICS OF INTERACTION OF BoNT/A Hc WITH CAPTURED MoAb 6B2-2



EPIOTOPE MAPPING: 4A2-2

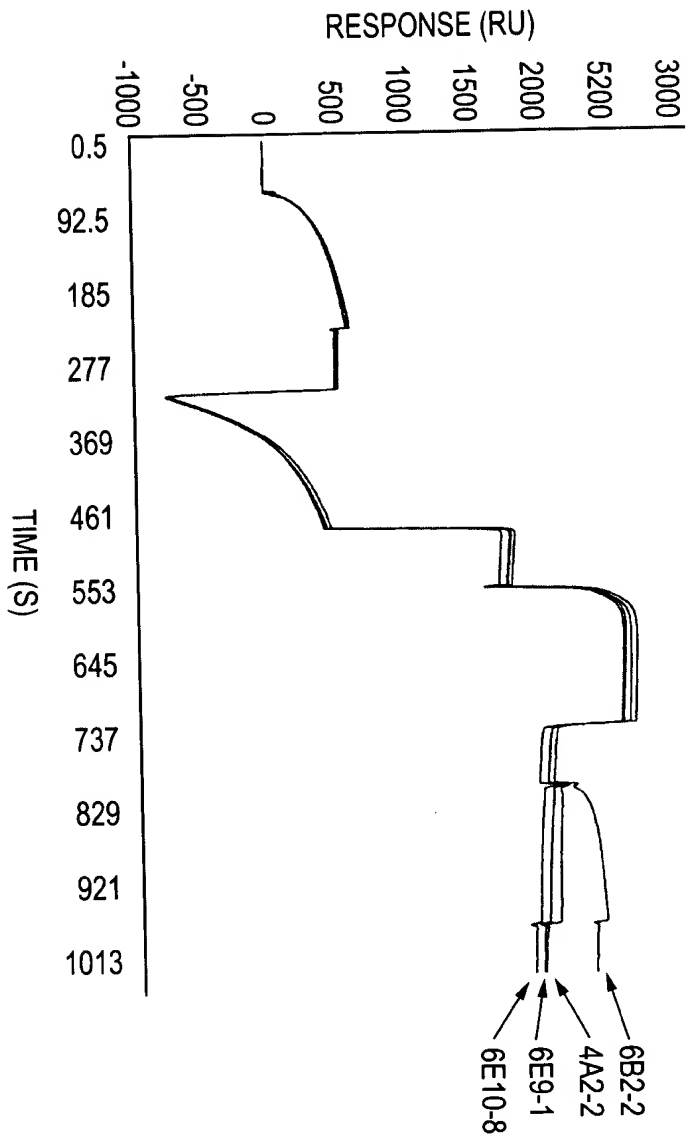


FIG. 4



EPITOPE MAP OF BoNT/A mAbs

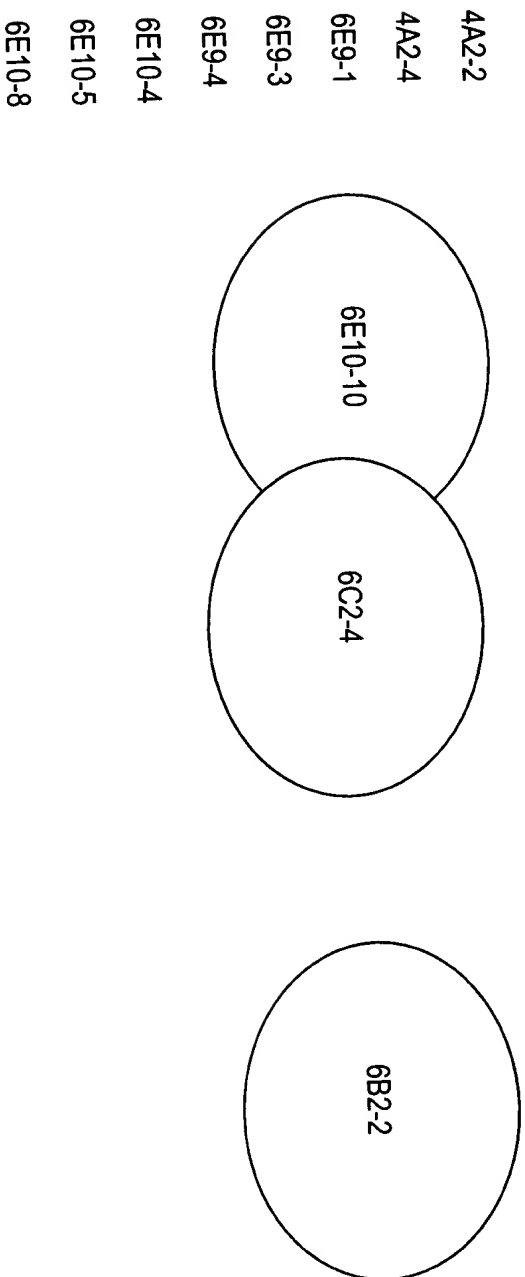


FIG. 5



1 2 3 4 5 6 7 8 9 10 11 12

97 -
68 -

43 -

29 -

18 -
6E9-1 4A2-2 6C2-2 SEB-2A9

FIG. 6



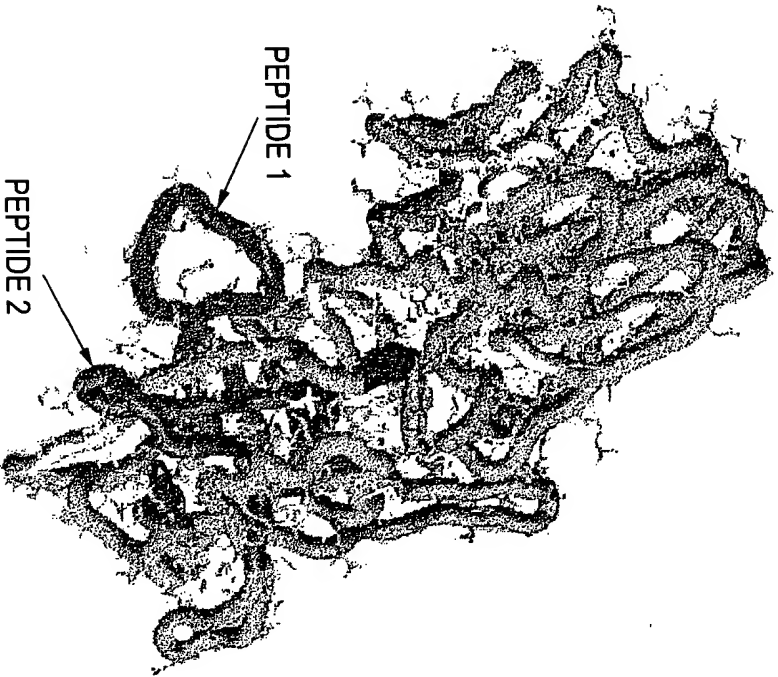


FIG. 7A

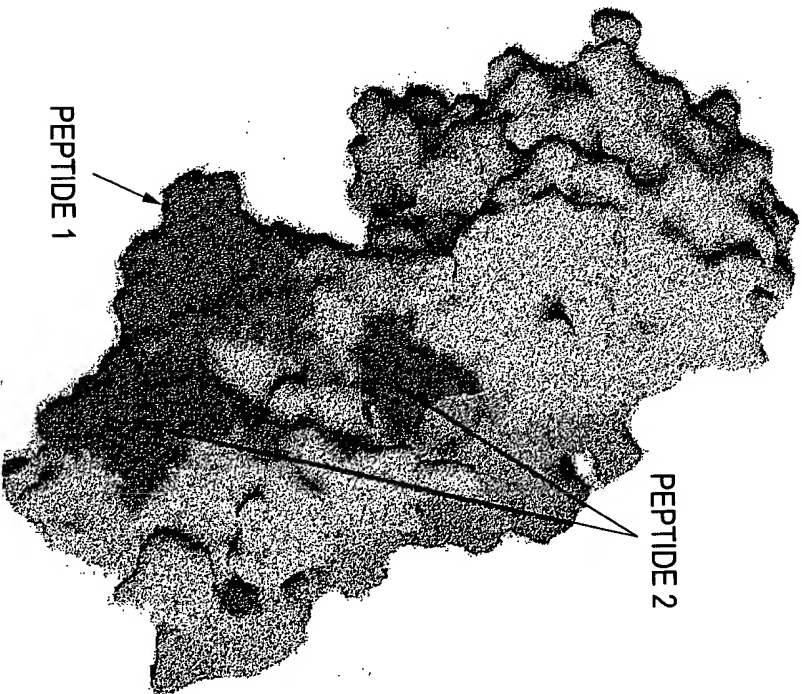


FIG. 7B

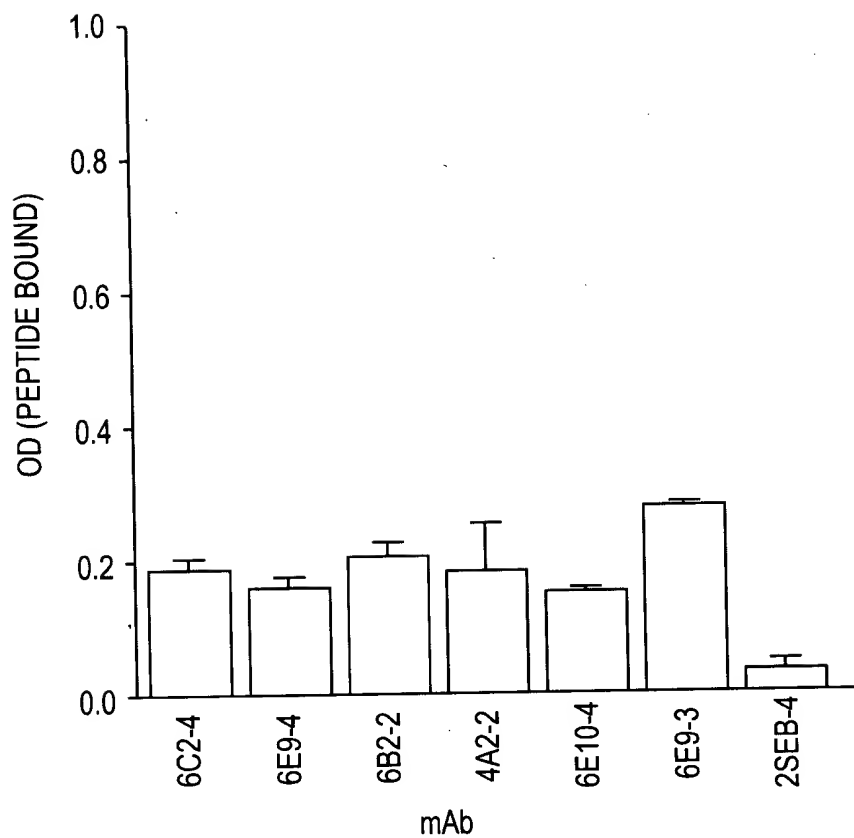


FIG. 8A



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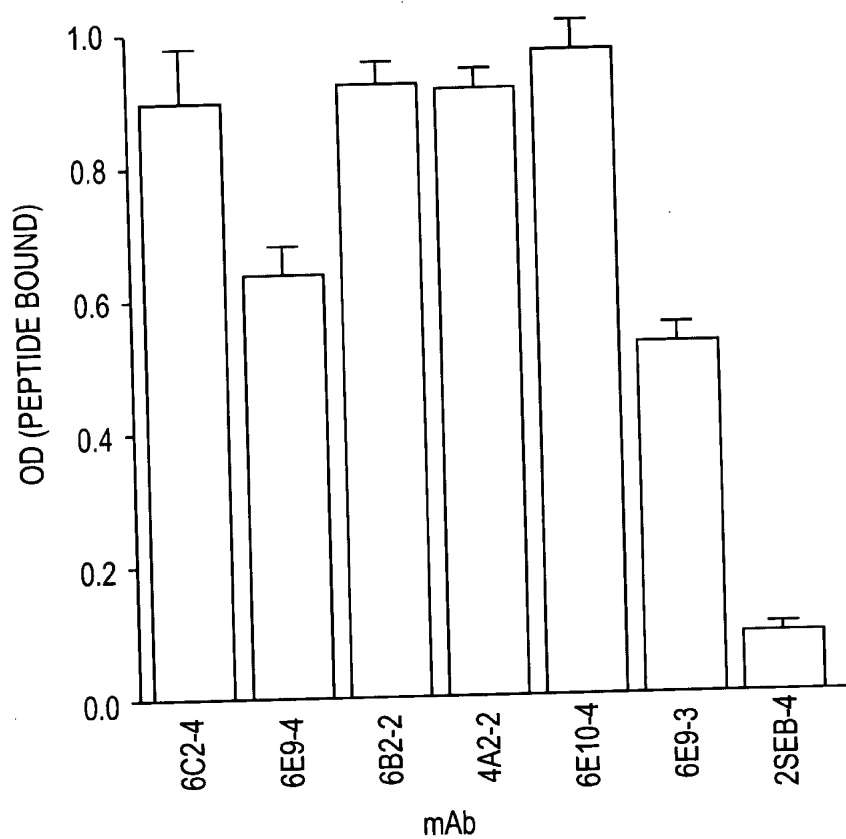


FIG. 8B

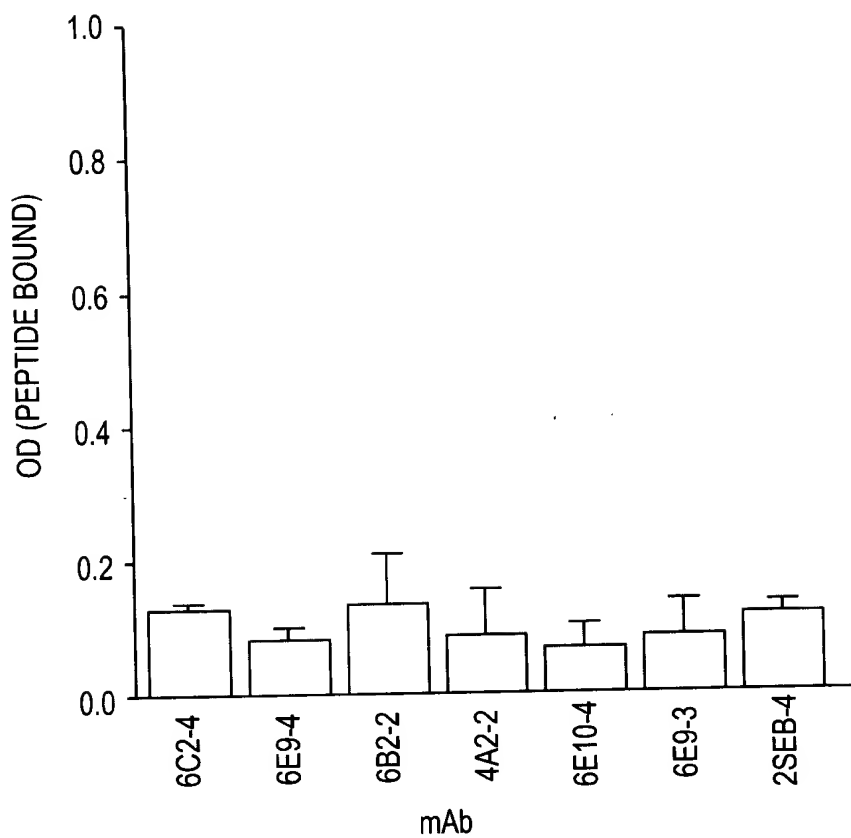
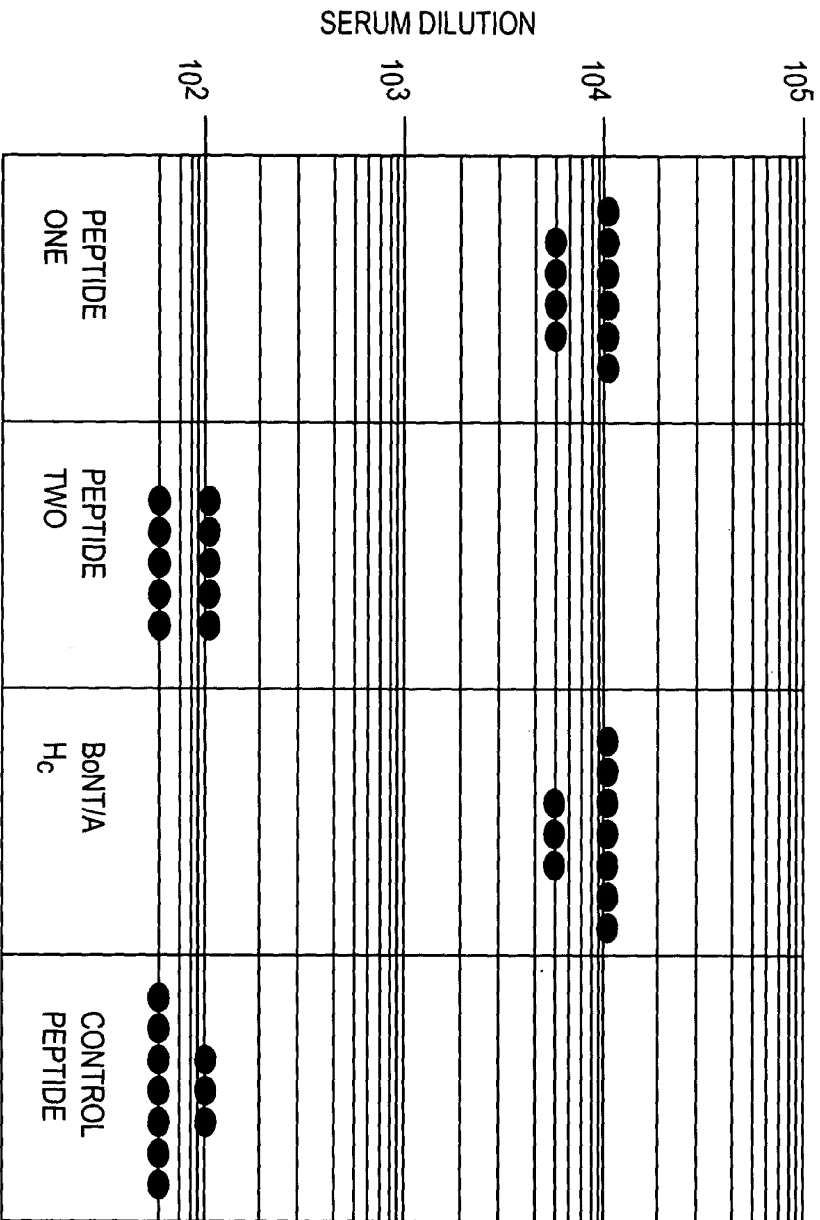


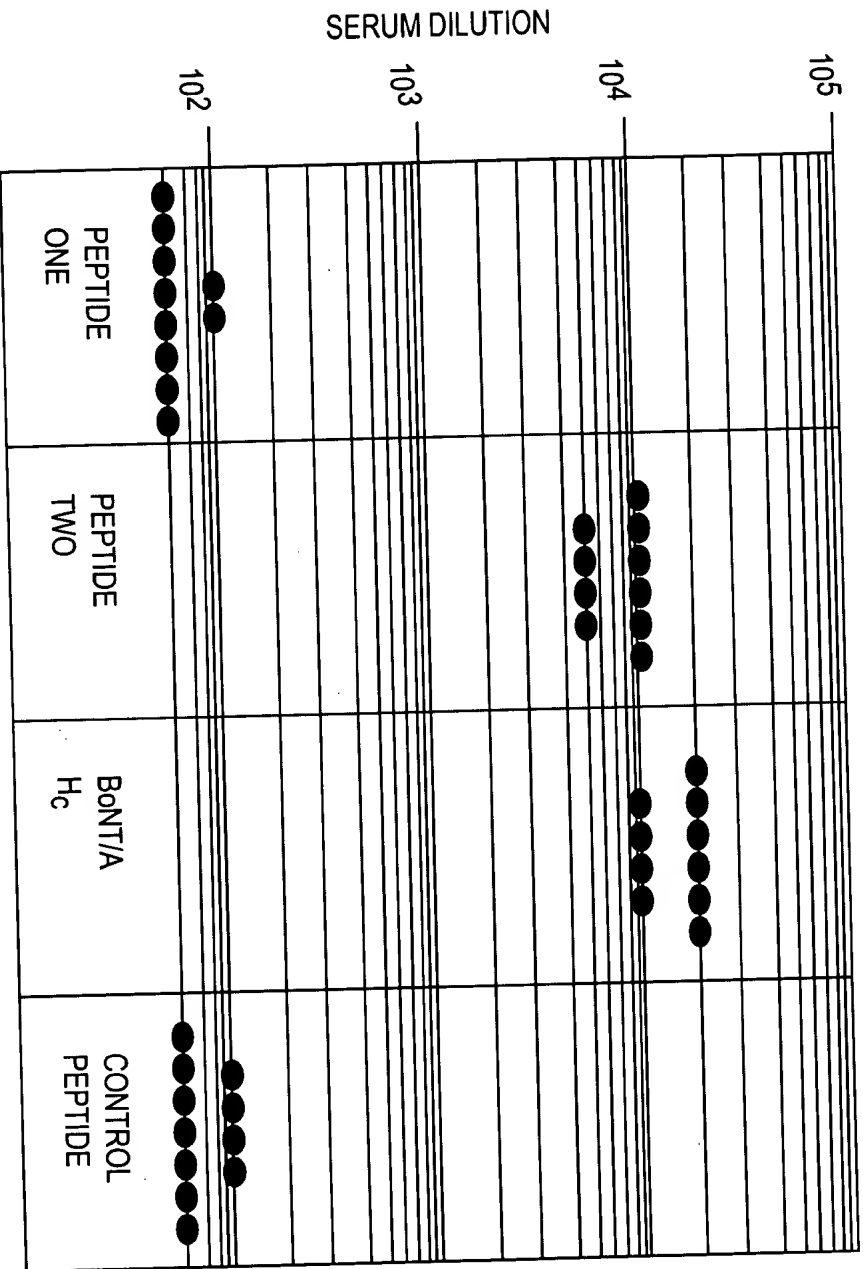
FIG. 8C



IMMUNIZING AGENT

FIG. 9A



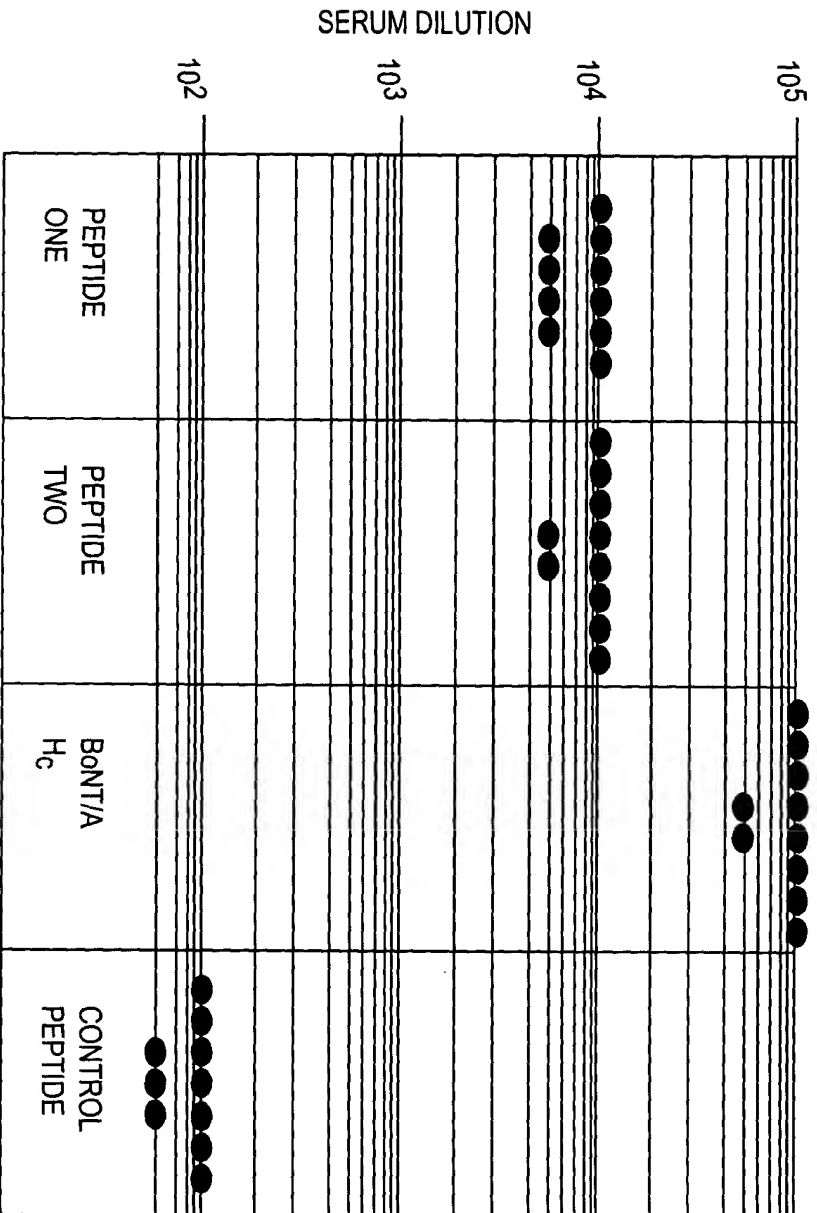


IMMUNIZING AGENT

FIG. 9B



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IMMUNIZING AGENT

FIG. 9C



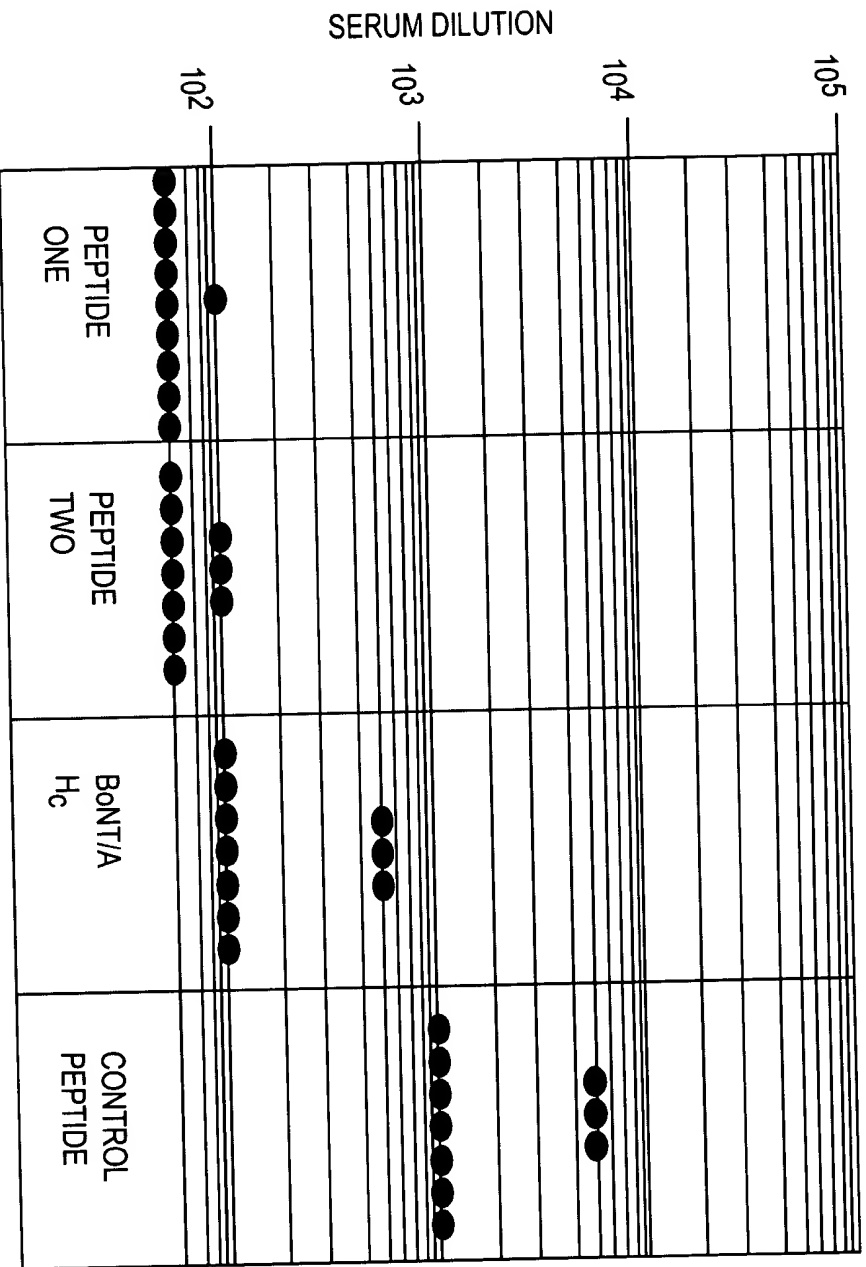


FIG. 9D

IMMUNIZING AGENT

